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## Diesel particle filters

Diesel particle filters have been developed to reduce the level of particles in diesel engine exhaust fumes. This can be done in several different ways:

- By trapping and depositing the particles
- By trapping and oxidising the carbon particles
- Through flow-based processes and oxidising the carbon particles

The process of trapping and depositing particles is used where direct oxidation is not possible because exhaust temperatures are too low.

Systems with direct oxidation are used mostly. For example in the CRT and DPX systems.

The process of changing flow rates and subsequent oxidation is a relatively new technology, currently offered by only a few manufacturers

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